

# Visitor's Guide NASA JSC RGO

## Aircraft Operations Division

May 2002



National Aeronautics and  
Space Administration  
Lyndon B. Johnson Space Center  
Houston, Texas

Aircraft Operations Division User's Guide	Visitor's Guide NASA JSC RGO	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 2 of 19

# **Visitor's Guide** **NASA JSC RGO**

**May 2002**

**Basic**

Approved by

*Original Signed By:*

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John S. Yaniec  
Lead, Reduced Gravity Program

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<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 3 of 19

## Change Record

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<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 4 of 19

## Table of Contents

1	INTRODUCTION.....	5
1.1	Purpose.....	5
1.2	Scope.....	5
1.3	References.....	5
1.4	Reduced Gravity Office Contact Information.....	5
1.5	List of Acronyms .....	6
1.6	Local Area Information.....	7
1.6.1	Maps .....	7
1.6.2	Restaurants .....	10
1.6.3	Hotels .....	13
1.6.4	Hardware / Specialty Stores .....	15
2	SAFETY POLICY .....	17
2.1	Johnson Space Center Requirements.....	17
2.2	Aircraft Operations Division Requirements .....	17
2.3	Human Research Policy.....	18
2.4	Test Personnel.....	18
	INDEX.....	19

## List of Figures

Figure 1.	Map of Clear Lake .....	7
Figure 2.	Map of Ellington Field .....	8
Figure 3.	Map of Johnson Space Center .....	9

**Verify that this is the correct version before use.**

<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 5 of 19

## **1 INTRODUCTION**

The Reduced Gravity Program, operated by the National Aeronautics and Space Administration (NASA), Lyndon B. Johnson Space Center (JSC) in Houston, Texas, provides a “weightless” environment, similar to the environment of space flight.

### **1.1 Purpose**

The purpose of this guide is to provide a guideline for existing and potential visitors to the Reduced Gravity Program. This document outlines and provides safety requirements and local area information relating to visiting researchers.

### **1.2 Scope**

This work instruction applies to all users and potential users of the JSC Reduced Gravity Program.

### **1.3 References**

[AOD 33897, Experiment Design Requirements and Guidelines NASA 931 KC135A](#)

[AOD 33899, JSC Reduced Gravity Program User's Guide](#)

[JPG-1700.1, JSC Safety and Health Handbook](#)

[JSC-20483, JSC Institutional Review Board - Guidelines For Investigators Proposing Human Research For Space Flight And Related Investigations](#)

### **1.4 Reduced Gravity Office Contact Information**

Any questions concerning this document, the program, test requirements, test schedules, etc., should be directed to:

Reduced Gravity Office  
 Building 993  
 Ellington Field  
 Houston, Texas 77034  
 Call 281-244-9874, fax 281-244-9500 or E-mail: [zerogl@jsc.nasa.gov](mailto:zerogl@jsc.nasa.gov)

<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 6 of 19

## 1.5 List of Acronyms

AOD	Aircraft Operations Division
IRB	Institutional Review Board
JSC	Johnson Space Center
NASA	National Aeronautics and Space Administration
OD	Olive Drab
RGO	Reduced Gravity Office

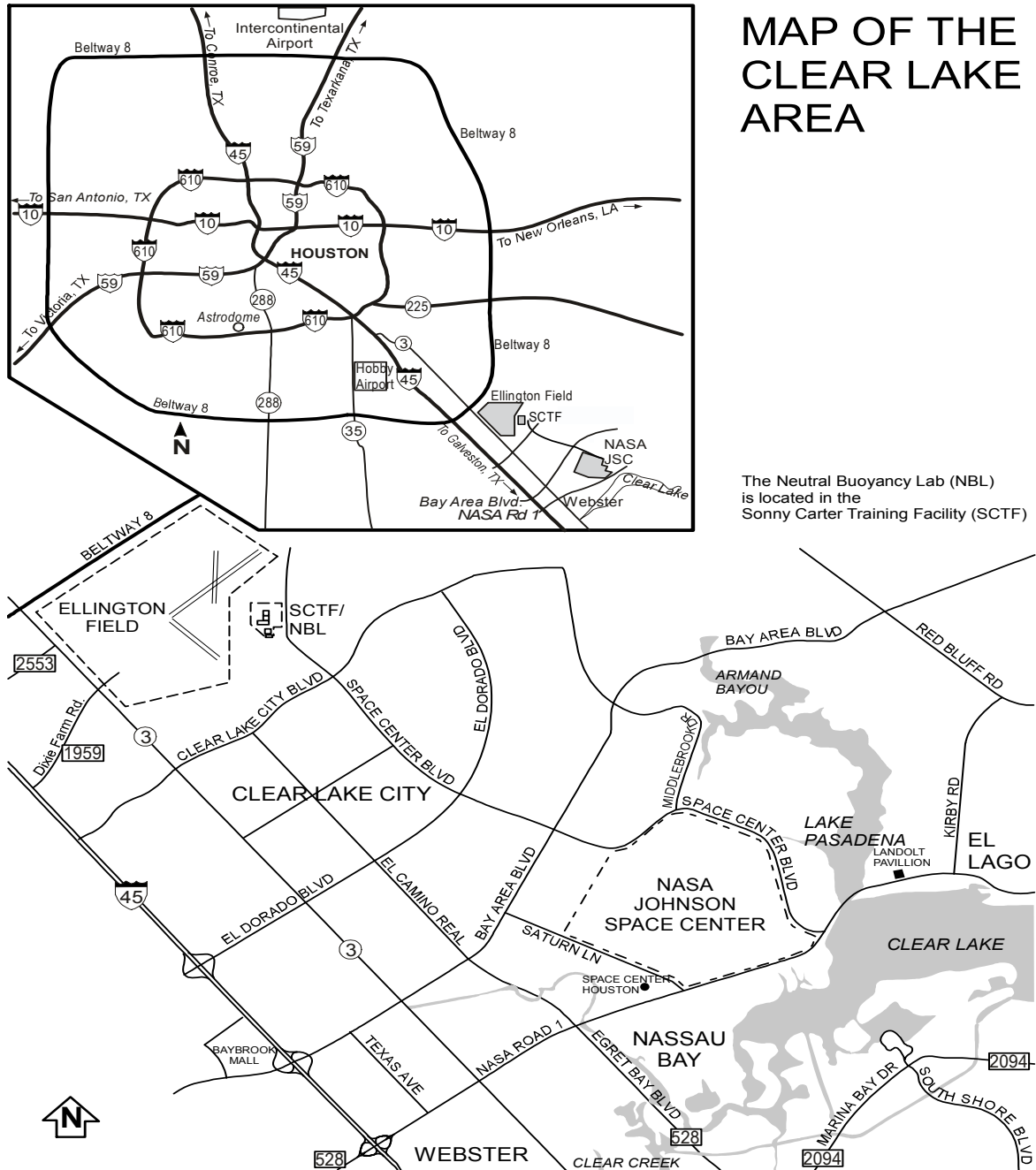
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<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 7 of 19

## 1.6 Local Area Information

This section provides information on the area surrounding the Johnson Space Center. It is provided as an aid to researchers and guests and is not intended as endorsement.

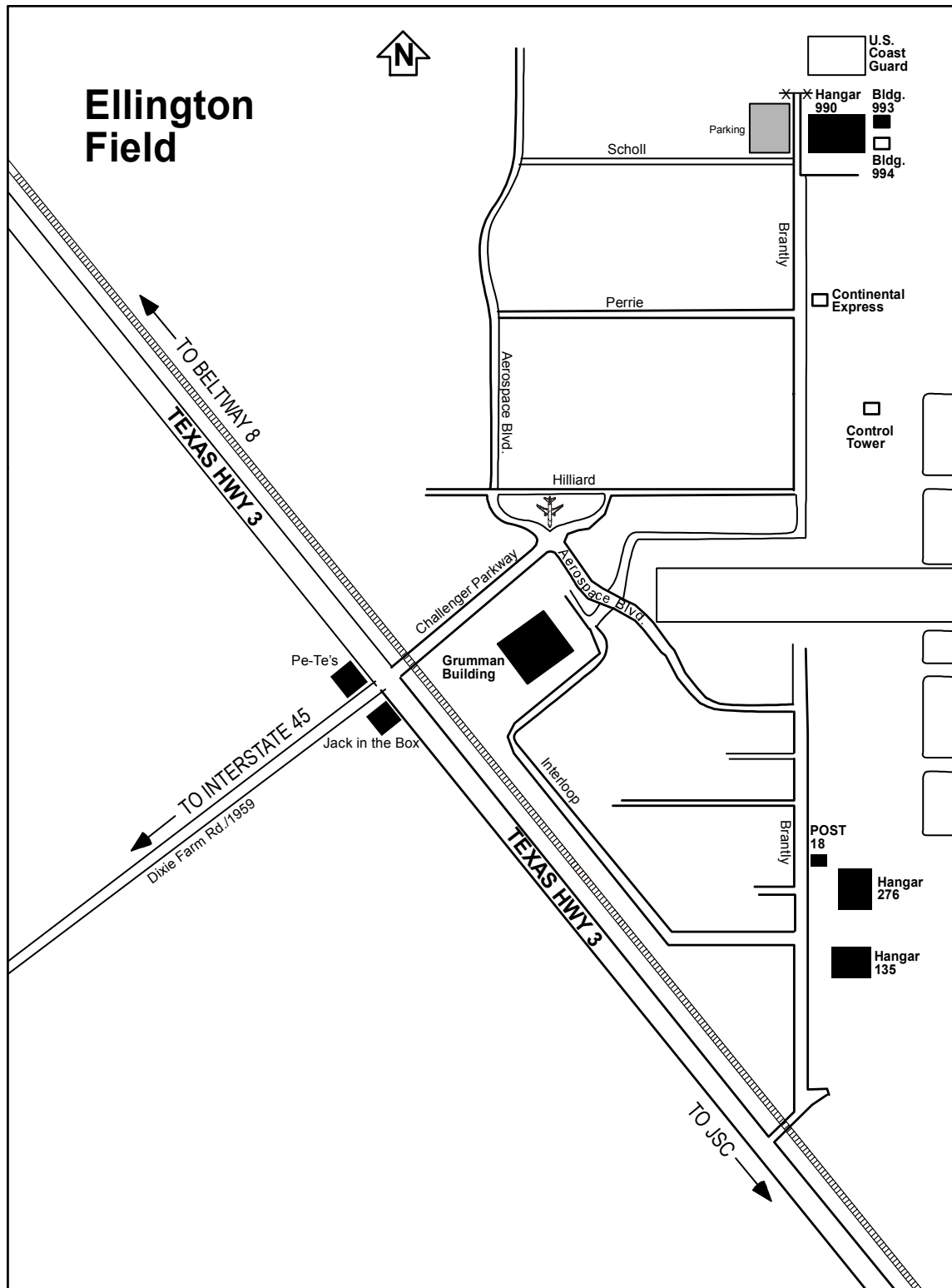
### 1.6.1 Maps



**Figure 1. Map of Clear Lake**

**Verify that this is the correct version before use.**

Aircraft Operations Division User's Guide	Visitor's Guide NASA JSC RGO	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 8 of 19



**Figure 2. Map of Ellington Field**

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<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 10 of 19

### 1.6.2 Restaurants

Name	Address	Telephone
Angelo's Pizza & Pasta	400 W. Bay Area Blvd.	281-332-2404
Antonini's Subs & Steaks	17314 Hwy. 3	281-338-1305
Arby's Roast Beef Restaurant	2415 Bay Area Blvd.	281-486-9865
Ashley's Donuts	2160 Bay Area Blvd.	281-486-5644
Avenue Pizza	10810 Hughes Rd.	281-484-5000
Black-Eyed Pea	Hwy 3 & Bay Area Blvd.	281-338-2571
Bradley's Restaurant & Brewery	515 W. Bay Area Blvd.	281-332-8488
Burger King	515 El Dorado Blvd.	281-486-8780
Cajun Corner	10904 Scarsdale Blvd.	713-464-6809
Cappriccio's Pizza N Subs	341 El Dorado Blvd.	281-488-2838(delivery only)
Cazzo's Mexican Restaurant	2200 W. Bay Area Blvd.	281-992-1152
Churrascos	1320 W. Bay Area Blvd.	281-461-4100
Coffee Oasis (Sandwich Shop)	1606 Clear Lake City Blvd.	281-488-8333
Colosseum Italian Restaurant	16608 El Camino Real	281-488-0731
Dairy Queen	225 El Dorado Blvd.	281-286-4717
Don Pico's Mexican Restaurant	2110 Bay Area Blvd.	281-280-8081
Domino's Pizza	1845 El Dorado Blvd.	281-480-7533
Double Dave's Pizza Works	Bay Area & Space Center Blvd.	281-286-DAVE
El Lago Burrito Co.	1227 Bay Area & Diana	281-461-0202
Franco Italian Restaurant	1101 E. NASA Rd 1	281-488-2207
Gardenia Mexican Restaurant	622 FM 1959 (Dixie Farm Rd.)	281-464-0988

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<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 11 of 19

<b>Name</b>	<b>Address</b>	<b>Telephone</b>
Grandy's Restaurant	1005 Bay Area Blvd.	281-486-9696
Jack-In-The-Box	321 FM 359 S (Ellington Field/Hwy. 3)	281-375-5224
Jack-In-The Box	418 El Dorado Blvd.	281-286-4816
Jason's Deli	541 W Bay Area Blvd.	281-338-8000
Kentucky Fried Chicken	1945 El Dorado Blvd.	281-488-8532
Little Caesars Pizza	576 El Dorado Blvd.	281-486-4041
McDonald's	534 ½ El Dorado Blvd.	281-488-3326
Mr. Gatti's Pizza (Buffet)	16607 El Camino Real & Bay Area	281-332-2000
Ninfa's Mexican Restaurant	463 Bay Area Blvd.	281-480-4090
Olive Garden	18976 Gulf Frwy.	281-488-1022
Outback Steakhouse	481 W. Bay Area Blvd.	281-338-6283
Perry's Grille & Steakhouse	487 Bay Area Blvd.	281-286-8800
Perry's Italian Kitchen	1001 Pineloch Dr.	281-488-2626
Pe-Te's Cajun BBQ Restaurant	11902 Galveston Rd. (Hwy. 3)	281-481-8736
Piccadilly Cafeteria	2465 Bay Area Blvd.	281-480-5453
Pizza Inn	15148 Galveston Rd. (Hwy. 3)	281-480-0011
Quizno's Classic Subs	16801 El Camino Real	281-282-9700
Salad Express	595 W. Bay Area Blvd.	281-338-2791
Sonic Drive-In	310 W. Bay Area Blvd.	281-338-9931
Steak & Ale	19222 I-45, Baybrook Mall	281-486-9115
Sweet Mesquite: a South TX Grill	Bay Area Blvd. & Space Center Blvd.	281-338-2571

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<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 12 of 19

<b>Name</b>	<b>Address</b>	<b>Telephone</b>
Subway Sandwich Shop	1190 Clear Lake City Blvd.	281-461-6162
Subway Sandwich Shop	534 El Dorado Blvd.	281-486-8636
Tommy's Patio Café	2555 Bay Area Blvd.	281-480-2221
Village Pizza & Seafood	2314 W. Main, League City	281-332-3606
Wendy's	16402 El Camino Real	281-488-4376

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<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 13 of 19

### 1.6.3 Hotels

Name	Address	Telephone
Beacon Hill Guest House Bed & Breakfast	3705 NASA Rd. One, Seabrook, TX 77586	281-326-7643
Best Western Inn	889 W Bay Area Blvd., Webster, TX 77598	281-338-6000
Best Western Inn	8600 Gulf Frwy.	713-910-8600
Boardwalk Inn	8 Waterfront, Kemah, TX 77565	281-334-9880
Candlewood Hotel Co.	2737 Bay Area Blvd., Houston, TX 77058	281-461-3060
Captain's Quarters Bed & Breakfast	701 Bay Avenue, Kemah, TX 77565	281-334-4141
Comfort Inn	750 W NASA Rd. 1, Webster, TX 77598	281-332-1001
Courtyard by Marriott	9190 Gulf Frwy., Houston, TX 77017	713-910-1700
Fairwind Corp. Lodging	15900 Space Center Blvd., Houston, TX 77062	281-488-4945 888-833-2677
Hilton Nassau Bay & Marina	3000 NASA Rd. 1, Houston, TX 77058	281-333-9300
Holiday Inn Express	2720 NASA Rd. 1, Seabrook, TX 77058	281-326-7200
Holiday Inn NASA	1300 NASA Rd. 1, Houston, TX 77058	281-333-2500
Homegate Studios & Suites NASA	720 W Bay Area Blvd., Webster, TX 77598	281-316-1182
Homestead Village	12700 Featherwood Dr., Houston, TX 77034	281-929-5400

**Verify that this is the correct version before use.**

<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 14 of 19

<b>Name</b>	<b>Address</b>	<b>Telephone</b>
Homewood Suites	401 Bay Area Blvd., Houston, TX 77058	281-486-7677
Marina Park Inn	601 Texas Ave., Kemah, TX 77565	281-334-4855
Microtel Inn and Suites	1620 NASA Rd. One, Houston, TX 77058	281-335-0800
Motel 6	1001 W. NASA Rd. One, Webster, TX 77598	281-332-4581
Park Inn Intern'l @ the Marina	601 Texas Ave., Kemah, TX 77565	281-344-4855
Pelican House Bed & Breakfast	1302 1st St., Seabrook, TX 77586	281-474-5295
Quality Inn	904 NASA Rd. One, Houston, TX 77058	281-333-3737
Ramada Inn South NASA	1301 NASA Rd. One, Houston, TX 77058	281-488-0220
Residence Inn	525 Bay Area Blvd., Houston, TX 77058	281-486-2424
South Shore Harbour Resort	2500 S. Shore Blvd., League City, TX 77573	281-334-1000
Super 8 Motel	18103 King's Row, Houston, TX 77058	281-333-5385
Towneplace Suites Houston Clear Lake	1050 Bay Area Blvd., Houston, TX 77058	281-286-2132

**Verify that this is the correct version before use.**

<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 15 of 19

#### 1.6.4 Hardware / Specialty Stores

Name	Address	Telephone
Ace Hardware	3902 NASA Rd. One	281-326-3300
Allied Ace Hardware	5203 Fairmont, Pasadena	281-487-9288
Computer Electronics, Etc.	110 E. Medical Center Blvd.	281-286-5510
Friendswood Hardware & Supply	203 W. Edgewood Ave.	281-482-3487
Home Depot	1514 E. Broadway (SR518) @ Dixie Farm Rd.	281-993-1111
Home Depot	20251 Gulf Frwy. (@ NASA Rd. 1), Webster	281-554-2420
Home Depot	11820 Dickinson Rd. (I-45 Southbound @ Bltwy. 8)	281-464-2080
K-Mart	1001 W. Bay Area Blvd. (@ I-45 Northbound)	281-338-1888
Lowe's	2741 E. Broadway (SR518) north of Dixie Farm Rd	281-412-6300
Matheson Tri-Gas Inc.	2200 Houston Ave. Houston, TX 77007	713-869-7351
Praxair Industrial Gases	9200 Telephone Road Houston, TX 77075	713-991-8700
Pearland Lumber & Ace Hardware	2027 N. Main St.	281-485-1474
Sears Hardware Store	2422-A Bay Area Blvd. (@ Space Center Blvd.)	281-488-6786
Sears Hardware Store	11293 Fuqua (@ I-45 Southbound)	713-910-0330
Sears, Roebuck & Co.	300 Baybrook Mall	281-486-3174

**Verify that this is the correct version before use.**

<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 16 of 19

<b>Name</b>	<b>Address</b>	<b>Telephone</b>
Space City Ace Hardware	3902 NASA Rd. One	281-326-3300
Target	1425 W. Bay Area Blvd. (@ I-45, Baybrook Mall)	281-338-1514

**Verify that this is the correct version before use.**



<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 17 of 19

## 2 SAFETY POLICY

The JSC Reduced Gravity Program is operated in accordance with established NASA safety procedures. The policies and requirements set forth in this document must be strictly adhered to.

This section describes the general safety policies that all personnel and equipment must comply with in order to occupy, work, and operate on NASA property. Please contact the RGO [zerogl@jsc.nasa.gov](mailto:zerogl@jsc.nasa.gov) with any questions regarding safety aspects at Ellington Field.

### 2.1 Johnson Space Center Requirements

All personnel and equipment arriving at JSC, including the Neutral Buoyancy Lab and Ellington Field, must adhere to all JSC safety guidelines as stated in the [JPG-1700.1, JSC Safety and Health Handbook](#). Contact the RGO to request a copy.

### 2.2 Aircraft Operations Division Requirements

All personnel and equipment arriving at Ellington Field must adhere to the following safety guidelines. A safety briefing will be given to all researchers upon arrival at Ellington Field.

1. In the event of an emergency at Ellington Field, **dial x44444** from any NASA phone to immediately contact an Emergency Action Team.
2. Identification badges issued by JSC Security must be displayed at all times while on NASA property. (See [AOD 33899](#), Paragraph 2.3.5 for Badging Requirements.)
3. KC-135 researchers and visitors must stay within the immediate vicinity of Building 993 (RGO/High Bay). Occupation of any other Ellington Field location is not allowed unless escorted by a NASA Aircraft Operations Division (AOD) badged employee.
4. Smoking is discouraged, but allowed in designated areas. Food and drink is only allowed in designated areas.
5. Loose items such as pencils, clothing, jewelry, badges, etc. must be accounted for at all times in order to prevent Foreign Object Debris problems with the aircraft.
6. All trash must be carefully placed in provided trash receptacles. Use specialty trash receptacles for batteries, oil rags, chemicals, etc.
7. Stay 15 feet away from all aircraft in Hangar 990 unless escorted by a NASA AOD badged employee.
8. Do not walk out onto the flight line (location where aircraft/ground support equipment is operated outside the hangar) unless escorted by a NASA AOD badged employee. Be aware of the flight line road immediately in front of the RGO

**Verify that this is the correct version before use.**

<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 18 of 19

(Building 993). Aircraft tugs, vans, and golf carts frequently travel along the road and pose a hazard to pedestrians in that area.

9. Stay at least 200 feet away from all operating aircraft engines.
10. Hearing protection is required during all outdoor and flight operations. Foam earplugs are provided through the RGO. (See [AOD 33897](#), Experiment Design Requirements and Guidelines NASA 931 KC135A paragraph 2.16 for OSHA Standards and recorded noise level on the KC-135.)
11. Storage of equipment and materials / supplies must be approved by the RGO prior to its arrival at Ellington Field. All equipment must be properly labeled upon its arrival.
12. All equipment (tools, test hardware, fluids, etc.) brought to Ellington Field must be inventoried and accounted for at all times.
13. There will be no unattended operation of research or other equipment on the aircraft or in Building 993. Someone familiar with the shut down procedures will be in attendance during any equipment operation. If an experiment is operating unsupervised, the test director **will** power the experiment down.

### **2.3 Human Research Policy**

All JSC Reduced Gravity Program investigations involving human test subjects, animals, or biological tests must submit a JSC Institutional Review Board (IRB) protocol and obtain written approval prior to the Test Readiness Review.

### **2.4 Test Personnel**

Each researcher will keep the number of personnel that are required to fly to a minimum. Only test personnel with a demonstrated need to participate in the investigation will be allowed to fly. All personnel are required to wear approved flight suits and proper footwear during the flight.

All researchers will wear the Olive Drab (OD) flight suits. The Reduced Gravity Office provides the OD green flight suits on loan. There is no requirement for researchers to purchase their own flight suits. Researchers that wish to purchase their own flight suits may do so; however, flight suits **must** be made of NOMEX III material and the **only** color allowed is Olive Drab.

Proper footwear is defined as: boots (combat, hiking) or tennis shoes. In all cases the footwear must be clean. Sandals or any open toe footwear is **not** acceptable at any time on the aircraft (loading, during flight, off-loading) or Ellington Field (EFD) facilities.

**Verify that this is the correct version before use.**

<b>Aircraft Operations Division User's Guide</b>	<b>Visitor's Guide NASA JSC RGO</b>	
	Doc. No. AOD 33895	Rev. Basic
	Date: May 2002	Page 19 of 19

## INDEX

at Ellington Field, 17	Map of Ellington Field, 8
Building 993, 5, 17, 18	Map of Johnson Space Center, 9
Ellington Field, 5, 17, 18	Purpose, 5
Hardware / Specialty Stores, 15	Reduced Gravity Office, 5, 6, 17, 18
Hotels, 13	Reduced Gravity Office Contact Information, 5
Human Research Policy, 18	Safety Policy, 17
Johnson Space Center Requirements, 17	Scope, 5
JSC Institutional Review Board, 5, 18	Security, 17
KC-135, 17, 18	Test Readiness Review, 18
Local Area Information, 7	zerog1@jsc.nasa.gov, 5
Map of Clear Lake, 7	